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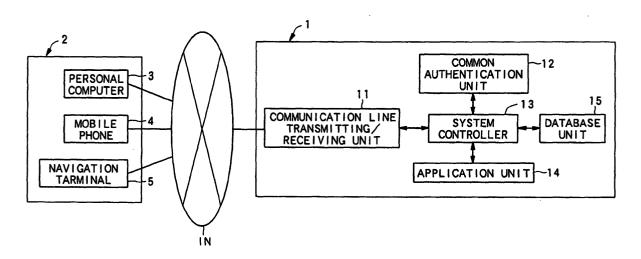
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(54) Method and system for authenticating communication terminals

(57) An authentication system is provided with a server system (1) having both of a common authentication unit (12) (i.e., first and second authentication units) and a system controller (13) (i.e., an access-permitting unit). The first authentication unit (12) authenticates user-identifying information transmitted from a communication terminal (2 (3-5)) and generates an access key based on the user-identifying information. The access key is transmitted from the server system to the com-

munication terminal. The second authentication unit (12) authenticates the access key transmitted from the communication terminal and generates a cession key to access the data. The access key is transmitted from the server system to the communication terminal. The access permitting unit permits the data to be accessed within a predetermined period of time. The access is performed on the session key transmitted from the communication terminal.

FIG. 1



EP 1 376 983 A3



EUROPEAN SEARCH REPORT

Application Number EP 03 01 4166

Category	Citation of document with indi of relevant passage		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Υ	US 6 070 243 A (BAIL 30 May 2000 (2000-05 * abstract; figure 1 * column 2, line 36 * claims 1-4 *	-30) *		H04L29/06	
Υ	US 2001/027527 A1 (B. 4 October 2001 (2001 * abstract * * paragraphs [0005] * claims 1-4 *	-10-04)	AL) 1-15		
Υ	EP 1 089 516 A (CITION APPRILED APPRILE	1-04)	1-15		
Y	US 5 784 463 A (CHEN 21 July 1998 (1998-0) * abstract; figures * column 2, line 28 * claims 1,2 *	7-21) 2,3A,3B * - column 3, line	1-15	TECHNICAL FIELDS SEARCHED (Int.CI.7) H04L	
	The present search report has been Place of search	Date of completion of the	search	Examiner	
	Munich	21 April 20	04 Hi	lbig, S	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background		E : earlier after th D : docum	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons		

2

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 03 01 4166

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21-04-2004

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6070243	Α	30-05-2000	US US	6339830 2002040441		15-01-2002 04-04-2002
US 2001027527	A1	04-10-2001	AU EP WO	5170101 1269425 0163567	A2	03-09-2001 02-01-2003 30-08-2001
EP 1089516	Α	04-04-2001	CN EP	1289974 1089516		04-04-2001 04-04-2001
US 5784463	Α	21-07-1998	AU WO	5588198 9825375		29-06-1998 11-06-1998

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82